IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bryan A. SLAVIN	Art Unit: 2155
Appl. No. 09/715,068 Confirmation No. 8870	Examiner: Patrice L. Winder
Filed: November 20, 2000	Atty. Docket No. 31333-164218
For: CALL MANAGEMENT SYSTEM	Customer No. 26694 PATENT TRADEMARK OFFICE

Amendment and Reply Under 37 C.F.R. §§ 1.111 and 1.121

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Non-final Office Action (Office Action) dated **October 5, 2005**, Applicant

submits the following Amendment and Reply.

It is not believed that extensions of time or fees for net addition of claims are required

beyond those that may otherwise be provided for in documents accompanying this paper.

However, if additional extensions of time are needed to prevent abandonment of this application,

then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a). Any fees

required therefor (including fees for net addition of claims), and any other fee deficiency, are

hereby authorized to be charged, or any overpayments credited, to our Deposit Account No. 22-

0261.

Amendments

Applicants respectfully request that the above-identified Application be amended as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 3 of this paper.

Remarks/Arguments begin on page 11 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

1. (Cancelled)

2. (Currently Amended) ~~A computer system as in claim 9~~ A computer system to provide at least one telephone feature to a telephone of a user, the computer system receiving instructions regarding said at least one telephone feature via a network from a graphical user interface operating on a computer of the user, wherein the network comprises a bi-directional protocol layer to communicate between the computer system and the computer, to support bi-directional communication and to support pulling of information by the computer from the computer system, and a uni-directional protocol layer to communicate from the computer system to the computer, to support pushing of information from the computer system to the computer, the computer system comprising:

an application server to interact with the telephone of the user and to provide said at least one telephone feature for the telephone; and

a network server layer to interact with the application server, to interact via the network with the computer of the user, and to provide via the network the graphical user interface to the computer, the graphical user interface to operate said at least one telephone feature for the telephone of the user via the network, the network server layer, and the application server.

3. (Original) A computer system as in claim 2, wherein the network server layer prompts the computer to request from the network server layer an update of a call state of the telephone.

4. (Original) A computer system as in claim 2, wherein the network server layer provides to the graphical user interface an update of a call state of the telephone.

5. (Original) A computer system as in claim 2, wherein the network server layer updates the graphical user interface on the computer to represent an idle call state when no calls are present on the telephone and a non-idle state when at least one call is present on the telephone.

6. (Original) A computer system as in claim 2, wherein the network server layer updates the graphical user interface on the computer for a call on the telephone transitioning from one state to another state.

7. (Original) A computer system as in claim 2, wherein the network server layer provides to the graphical user interface an update of accessibility to said at least one telephone feature.

8. (Original) A computer system as in claim 2, wherein the network server layer interacts via the network with the computer using a client push protocol, and the network server layer interacts with the application server using a call client protocol.

9. (Canceled)

10. (Currently Amended) A computer system as in claim 2 9, wherein the computer system communicates with the computer via the network using two transmission control protocol/Internet protocol (TCP/IP) sockets.

11. (Currently Amended) A computer system as in claim 2 9, wherein a network server layer of said computer system synchronizes a call state of the telephone of the user with a representation of the call state for the graphical user interface.

12. (Currently Amended) A computer system as in claim 2 9, wherein said at least one telephone feature comprises a multiple-line telephone feature.

13. (Currently Amended) A computer system as in claim 2 9, wherein said at least one telephone feature comprises at least one feature selected from the group consisting of: a dial number feature; a transfer feature; an answer/talk feature; a hold feature; a release feature; and a conferencing feature.

14. (Currently Amended) A computer system as in claim 2 9, wherein the graphical user interface operates in conjunction with a network browser of the computer.

15. (Currently Amended) A computer system as in claim 2 ~~9~~, wherein the graphical user interface comprises an area to display updateable configurable information relevant to the user.

16. (Currently Amended) A computer system as in claim 2 ~~9~~, wherein the graphical user interface comprises a web portal.

17. (Currently Amended) A computer system as in claim 2 ~~9~~, wherein the graphical user interface comprises an area to display a message from a personalized information provider.

18. (Currently Amended) A computer system ~~to provide at least one telephone feature to a telephone of a user, the computer system receiving instructions regarding said at least one telephone feature via a network from a graphical user interface operating on a computer of the user,~~

~~wherein the network comprises a bi-directional layer to communicate between the computer system and the computer and a uni-directional layer to communicate from the computer system to the computer,~~

~~and~~ as in claim 2, wherein the graphical user interface comprises a first icon to access a network site of an organization and a second icon to dial the telephone number of the organization using at least one of the telephone features.

19. (Currently Amended) A computer system as in claim 2 ~~9~~, wherein the telephone of

the user is unknown to the computer system prior to the computer receiving the graphical user interface from the computer system.

20. (Currently Amended) A computer system as in claim 2 9, wherein the telephone of the user is a mobile telephone.

21. (Currently Amended) A computer system as in claim 2 9, wherein the telephone of the user is a public pay telephone.

22. (Currently Amended) A computer system as in claim 2 9, wherein the telephone of the user is a direct dial-in telephone.

23. (Currently Amended) A computer system as in claim 2 9, wherein the telephone of the user is a single-line telephone.

24. (Currently Amended) A computer system as in claim 2 9, wherein the computer system further provides at least one telephone feature to another telephone of the user, the computer system further receiving instructions regarding said at least one telephone feature for said another telephone via the network from the computer of the user.

25. (Original) A computer system as in claim 24, wherein the computer system receives

instructions from the graphical user interface regarding said telephone and said another

telephone.

26. (Original) A computer system as in claim 24, wherein the instructions received from

the graphical user interface correspond to said telephone, and wherein the computer system

receives additional instructions regarding said at least one telephone feature via the network

from another graphical user interface operating on the computer of the user, said additional

instructions corresponding to said another telephone.

27. (Canceled)

28. (Previously Presented) A method comprising the steps of:

providing a graphical user interface via a network to a computer of a user;

controlling a telephone of the user according to input received from the graphical user

interface on the computer of the user;

updating the graphical user interface on the computer of the user via the network;

receiving a call information regarding the telephone;

sending a refresh request to the graphical user interface to prompt the computer to request

an update on a state of the telephone; and

receiving an update request from the graphical user interface for the update on the state

of the telephone.

29. (Original) A method as in claim 28, wherein the call information pertains to one of an incoming call for the telephone and an outgoing call for the telephone.

30. (Previously Presented) A method as in claim 28, further comprising the step of synchronizing a call state of the telephone of the user with a representation of the call state for the graphical user interface.

31. (Previously Presented) A computer system for performing the method as in claim 28, said computer system comprising a computer to communicate with a computer of a user.

32. – 36. (Canceled)

37. (Previously Presented) The method as in claim 28, further comprising:

providing to said user, via said graphical user interface, only features to which said user subscribes.

38. (Currently Amended) A computer system as in claim 2 9, wherein said graphical user interface presents to said user only features to which said user subscribes.

39. (Previously Presented) The computer system as in claim 2, wherein said network server layer comprises one or more software modules to be executed on said computer system to mediate communications between said application server and said computer.